11426 LORAN-C OVERPRINTED

SOUNDINGS IN FEET

Formerly C&GS 1285, 1st Ed. Sept. 1924 Y-1524-28B KAPP 371

Nautical Chart Catalog No. 1, Page 2

NOAA nautical charts are constructed to existing standards and are designed to promote safe navigation. Since our waterways are subject to continual change, the National Ocean Service encourages chart users to submit corrections or comments for the improvement of this product to the Director, Charting and Geodetic Services (N/CG33), National Ocean Service, NOAA, Rockville, Maryland 20852. By working together, we can make our coastline safer and more enjoyable.

Thomas J. Minahan
Assistant Administrator for Ocean Services
and Coastal Zone Management

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla., or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Fla.

Refer to chrarted regulation section numbers.

CABLE AND PIPELINE AREAS

The cable and pipeline areas located within the area covered by the larger scale charts are shown thereon and are not repeated on this chart.

LORAN LINEAR INTERPOLATOR

UNITED STATES - GULF COAST
FLORIDA

ESTERO BAY TO LEMON BAY

INCLUDING CHARLOTTE HARBOR

Mercator Projection
Scale 1:80,000 at Lat. 26°36'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

TIDAL INFORMATION

Place Name	Height referred to datum of soundings MLLW			
	Mean Higher High Water	Mean High Water	Mean Low Water	Mean Lower Low Water
	feet	feet	feet	feet
Point Ybel	2.6	2.3	0.5	0.5
Punta Gorda	1.9	1.5	0.3	-2.5
Port Boca Grande	1.7	1.4	0.4	-2.5

(1983)

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

NOTE S
Regulations for ocean dumping sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilot appendix for addresses of EPA offices.

POLLUTION REPORTS
Report oil spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communic. on is impossible (33 CFR 153).

NOTE N
The channel is marked by privately maintained buoys numbered "2" thru "16". The controlling depth was 2 feet in 1981.

NOTE X
The 12 nautical mile territorial sea was established by Presidential Proclamation 5928, December 27, 1988, and is also the outer limit of the U.S. contiguous zone for the application of domestic law. The 3 nautical mile line, previously identified as the outer limit of the territorial sea, is retained because the proclamation states that it does not alter existing State or Federal law. The 9 nautical mile natural resources boundary off Texas, the Gulf coast of Florida, and Puerto Rico, and the 3 nautical mile line elsewhere remain the inner boundary of the Federal fisheries jurisdiction and the limit of states' jurisdiction under the Submerged Lands Act (P.L. 83-31; 67 Stat. 29, March 22, 1953). These maritime limits are subject to modification, as represented on future charts. The lines shown on the most recent chart edition take precedence.

For Symbols and Abbreviations see Chart No. 1

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: ———

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 5 for important supplemental information.

NOTE L
BRIDGE INFORMATION

BOCA GRANDE CHANNEL
(entering buoy seaward)
Surveyed May, 1988

Left quarter	11 ft
Middle half	39 ft
Right quarter	30 ft
Widener	30 ft

SAFETY FAIRWAY 190,200
(see note K)

ANCHORAGE AREA
190,200
(see note K)

DUMP SITE
(disposal material)
(see note S)

NOTE O
The drydecksons are privately maintained and positions are approximate.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) and for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.266" northward and 0.919" eastward to agree with this chart.

CAUTION
Only marine radiobeacons have been calibrated for summer use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station (call)data are shown thus:
O(Accurate location) o(Approximate location)

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

STORM WARNINGS
The National Weather Service displays storm warnings at the following locations:
Port Boca Grande (26°45.2'-82°15.6')

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOTE B
INTRACOASTAL WATERWAY
(Charts 11425, 11427)
The project depth is 9 feet from Caloosahatchee River to the Anclote River, Florida. The controlling depths are published in the U.S. Coast Guard Local Notice to Mariners.

NOTE C
CAUTION
Strong cross currents are encountered especially during ebb of spring tide between daybeacons "3A" and "5".

NOTE D
CAUTION
Exclusive of dredged channels, the hydrography north of Sanibel Island into Matlacha Pass is from surveys made prior to 1900.

NOTE E
Jug Creek channel is marked by privately maintained markers

NOTE F
The channel is marked by privately maintained daybeacons. The controlling depth was 1 foot in 1981.

NOTE H
The channel is subject to frequent changes.

NOTE J
Hydrography and shorelines in this area are subject to continual changes.

NOTE K
The natural channel location through Stump Pass is subject to continuous change in alignment and depth. DO NOT NAVIGATE in or through the area without adequate knowledge of channel location and depth. The channel is marked by privately maintained aids.

NOTE P
Many of the tributaries of Peace River are marked by privately maintained aids.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Fort Myers, Fla.	WXK-83	162.475 MHz

CAUTION
CHANGES IN BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7980 ..... 79,600 Microseconds

STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary

EXAMPLE: 7980-X

RATES ON THIS CHART

7980-W 7980-X 7980-Y 7980-Z

The Loran-C correction tables published by the Defense Mapping Agency or others should not be used with this chart. The lines of position shown have been adjusted based on survey data. Every effort has been made to meet the 2 nautical mile accuracy criteria established by U.S. Coast Guard. Mariners, however, are cautioned not to rely solely on the loran-c to avoid dangers.

CONTINUATION OF
PEACE RIVER

Mercator Projection
Scale 1:40,000 at Lat. 26°36'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

NOTE Q
The drydecksons are privately maintained and positions are approximate.

(CONTINUED ON MAIN CHART)

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

Nautical Miles
Yards

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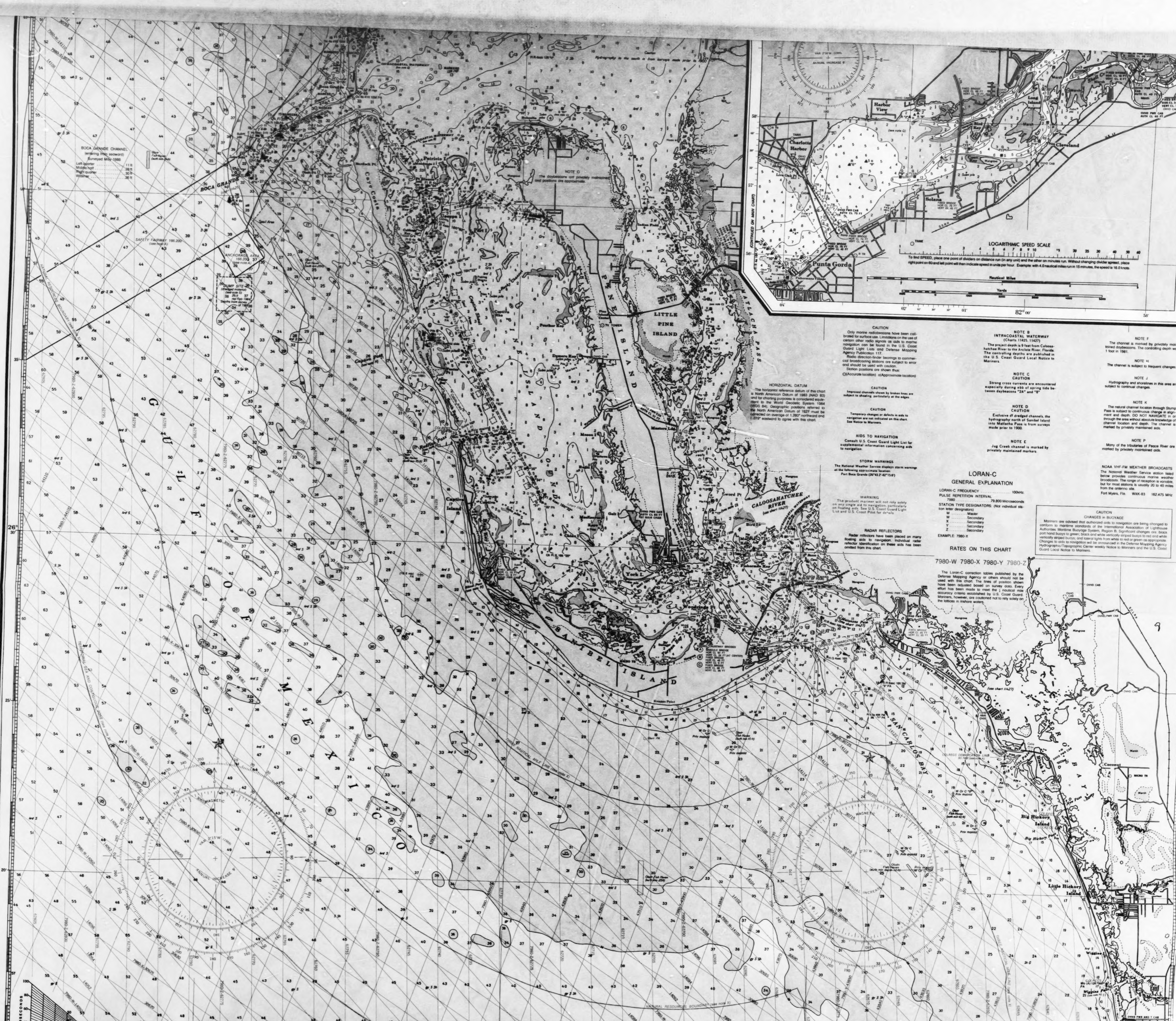

BOCA GRANDE CHANNEL (entering from seaward) Surveyed May 1988
Left quarter 11 ft
Middle half 29 ft
Right quarter 30 ft
Widener 26 ft
BOCA GRANDE
SAFETY FAIRWAY 166.200 (see note A)
ANCHORAGE AREA 166.200 (see note A)
DUMP SITE (dredged material) (see note 5)
GULF OF MEXICO
NATURAL RESOURCES BOUNDARY (see note X)
TERRITORIAL SEA AND CONTIGUOUS ZONE (see note X)
THREE NAUTICAL MILE LINE (see note X)
NOTE D
The daybeacons are privately maintained and positions are approximate.
PINE ISLAND
LITTLE PINE ISLAND
MATLACHA PASS
PINE ISLAND SOUND
CALOOSAHATCHEE RIVER (see chart 11427)
SANIBEL ISLAND
SAN CARLOS BAY
ESTERO BAY
Estero Island
Big Hickory Island
Little Hickory Island
Charlotte Harbor
Harbor View
Punta Gorda
Solana
Cleveland
(CONTINUED ON MAIN CHART)
LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.
HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) and for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.260" northward and 0.879" eastward to agree with this chart.
CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙(Accurate location) o(Approximate location)
CAUTION
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CAUTION
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AIDS TO NAVIGATION
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STORM WARNINGS
The National Weather Service displays storm warnings at the following approximate location:
Port Boca Grande (26°43.2'-82°15.6')
WARNING
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RADAR REFLECTORS
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NOTE B
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(Charts 11425, 11427)
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NOTE C
CAUTION
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NOTE D
CAUTION
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NOTE H
The channel is subject to frequent changes.
NOTE J
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NOTE K
The natural channel location through Stump Pass is subject to continuous change in alignment and depth. DO NOT NAVIGATE in or through the area without absolute knowledge of channel location and depth. The channel is marked by privately maintained aids.
NOTE P
Many of the tributaries of Peace River are marked by privately maintained aids.
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The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
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W Secondary
X Secondary
Y Secondary
Z Secondary
EXAMPLE: 7980-X
RATES ON THIS CHART
7980-W 7980-X 7980-Y 7980-Z
The Loran-C correction tables published by the Defense Mapping Agency or others should not be used with this chart. The lines of position shown have been adjusted based on survey data. Every effort has been made to meet the ¼ nautical mile accuracy criteria established by U.S. Coast Guard. Mariners, however, are cautioned not to rely solely on the lattices in inshore waters.
CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.
LORAN LINEAR INTERPOLATOR
MICROSECONDS
Nautical Miles
Yards
(JOINS CHART 11429)
Inner neatline 103.86cm. N.S. x 78.86cm. E.W.
DMA STOCK NO. 11BCO11426

29th Ed., June 3/89

11426
LORAN-C OVERPRINTED

C55.418/7:11426

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

(Estero Bay to Lemon Bay)
SOUNDINGS IN FEET - SCALE 1:80,000

11426
LORAN-C OVERPRINTED

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